

Attorney Docket No. 43890-401

Assistant Commissioner for Patents  
Washington, D.C. 20231

jc525 U.S. PTO  
09/493677  
01/28/00

**PTO-FORM 1082 NEW APPLICATION TRANSMITTAL**

Sir:

01/28/00  
12713 U.S. PTO

Transmitted herewith for filing is the X utility patent application of Inventors:

(1) Kaoru SATO;	Kumamoto, JAPAN
(2) Yasuhiro FUJIWARA;	Fukuoka, JAPAN
(3) Seiji MANABE;	Fukuoka, JAPAN
(4) Shinobu KAMIZURU;	Fukuoka, JAPAN

**Entitled:** HEAT SINK, METHOD OF MANUFACTURING THE SAME AND  
COOLING APPARATUS USING THE SAME

Enclosed are:

**1. The Papers Required For Filing Date Under 37 C.F.R. § 1.53(b):**

(15) Page(s) of Specification  
(3) Pages of Claims  
(1) Page of Abstract  
(14) Sheets of Drawings

**2. ( ) Executed Combined Declaration/Power of Attorney**

**3. Assignment**

( ) An Assignment (with Recordation Form Cover Sheet) of the  
invention to:

**4. Claim for Priority Under 35 U.S.C. § 120**

( ) The benefit under 35 U.S.C. § 120 is hereby claimed from  
the following United States application(s):

**5. Claim for Priority Under 35 U.S.C. § 119**

(X) The benefit of priority under 35 U.S.C. § 119 is hereby  
claimed from the following foreign application(s):

(1) Japanese Patent Application No. 12-005533  
Filed: 14 January 2000

( ) A Letter submitting a certified copy of each above-identified foreign  
application(s) is enclosed.

**6. Fee Calculation (claims as filed)**

	NUMBER CLAIMS FILED			PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
TOTAL		MINUS	20	=	X 9 =	\$	X18 =	\$
INDEP		MINUS	3	=	X39 =	\$	X78 =	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				+130=		\$	+260=	\$
						\$	TOTAL	\$ .00

( ) Amendment cancelling extra claims enclosed

( ) Amendment deleting multiple dependencies enclosed

**7. Small Entity Statement**

( ) A verified statement that this is a filing by a "small entity" under 37 C.F.R. §§ 1.9 and 1.27 is attached.  
Filing Fee Calculation (50% of above) \$

**8. Fee Payment (enclosed)**

(X) Basic Filing Fee	\$ 690.00
(X) Claim Fee Calculation Above	\$ 0.00
( ) Recording Assignment (\$40.00; 37 C.F.R. § 1.21(h)(1))	\$ 0.00
Total Fees Enclosed	\$ 690.00

**9. Method of Payment of Fees**

(X) Charge Deposit Account No. 13-0203 in  
the amount of \$ 690.00

**10. Other Enclosures:** None

**11. Authorization to Credit Overpayment or Charge Additional Fees**

(X) The Commissioner is hereby authorized to credit any overpayment, or charge fees under 37 C.F.R. § 1.16 (filing fees) or 37 C.F.R. § 1.17 (application processing fees) which may be required, to Deposit Account No. 13-0203. A duplicate copy of this Transmittal Letter is attached for accounting purposes.

**12. Conditional Petition For Extensions of Time**

(X) Petition is hereby made under 37 C.F.R. § 1.136(a) for any extension of time required to ensure that any papers due in the U.S. Patent and Trademark Office during the pendency of this application are timely filed. Please charge any fees due for any extensions of time to Deposit Account No. 13-0203. A duplicate copy of this Transmittal Letter is attached for accounting purposes.

**13. Correspondence Address:**

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Respectfully submitted,

McDERMOTT, WILL & EMERY

Date: January 28, 2000

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